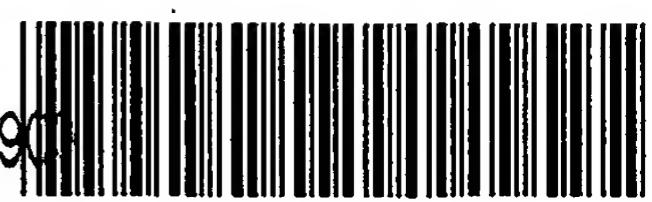


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1600

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/049,994

DATE: 07/09/2003  
TIME: 09:12:03

Input Set : A:\Chaparian.ST25.txt  
Output Set: N:\CRF4\07092003\J049994.raw

3 <110> APPLICANT: OMNISCIENCE PHARMACEUTICALS  
4       Chaparian, Michael  
5       Zheng, Shu-Xian  
7 <120> TITLE OF INVENTION: GENE CLONING  
9 <130> FILE REFERENCE: 1002.00011  
11 <140> CURRENT APPLICATION NUMBER: 10/049,994  
12 <141> CURRENT FILING DATE: 2002-02-18  
14 <150> PRIOR APPLICATION NUMBER: PCT/US00/22743  
15 <151> PRIOR FILING DATE: 2000-08-18  
17 <150> PRIOR APPLICATION NUMBER: 60/149,788  
18 <151> PRIOR FILING DATE: 1999-08-19  
20 <150> PRIOR APPLICATION NUMBER: 60/149,822  
21 <151> PRIOR FILING DATE: 1999-08-19  
23 <160> NUMBER OF SEQ ID NOS: 141  
25 <170> SOFTWARE: PatentIn version 3.0  
27 <210> SEQ ID NO: 1  
28 <211> LENGTH: 29  
29 <212> TYPE: DNA  
30 <213> ORGANISM: artificial sequence  
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33 <221> NAME/KEY: misc\_feature  
34 <222> LOCATION: (1)..(29)  
35 <223> OTHER INFORMATION: primer  
38 <400> SEQUENCE: 1  
39 gggccggca gaccgttcgc gggccggac  
42 <210> SEQ ID NO: 2  
43 <211> LENGTH: 30  
44 <212> TYPE: DNA  
45 <213> ORGANISM: artificial sequence  
47 <220> FEATURE:  
48 <221> NAME/KEY: misc\_feature  
49 <222> LOCATION: (1)..(30)  
50 <223> OTHER INFORMATION: primer  
53 <400> SEQUENCE: 2  
54 gagcggaccg caccgcgatc ggaacaacct  
57 <210> SEQ ID NO: 3  
58 <211> LENGTH: 28  
59 <212> TYPE: DNA  
60 <213> ORGANISM: artificial sequence  
62 <220> FEATURE:  
63 <221> NAME/KEY: misc\_feature  
64 <222> LOCATION: (1)..(28)  
65 <223> OTHER INFORMATION: primer

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/049,994

DATE: 07/09/2003  
TIME: 09:12:03

Input Set : A:\Chaparian.ST25.txt  
Output Set: N:\CRF4\07092003\J049994.raw

68 <400> SEQUENCE: 3  
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74 <212> TYPE: DNA  
75 <213> ORGANISM: artificial sequence  
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79 <222> LOCATION: (1)..(8)  
80 <223> OTHER INFORMATION: Octamer OC-OCT-003  
83 <400> SEQUENCE: 4  
84 ctcggcga 8  
87 <210> SEQ ID NO: 5  
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89 <212> TYPE: DNA  
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92 <220> FEATURE:  
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94 <222> LOCATION: (1)..(8)  
95 <223> OTHER INFORMATION: octamer OS-OCT-001  
98 <400> SEQUENCE: 5  
99 gtcggcga 8  
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103 <211> LENGTH: 8  
104 <212> TYPE: DNA  
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107 <220> FEATURE:  
108 <221> NAME/KEY: misc\_feature  
109 <222> LOCATION: (1)..(8)  
110 <223> OTHER INFORMATION: octamer OS-OCT-002  
113 <400> SEQUENCE: 6  
114 ccagatcg 8  
117 <210> SEQ ID NO: 7  
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119 <212> TYPE: DNA  
120 <213> ORGANISM: artificial sequence  
122 <220> FEATURE:  
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124 <222> LOCATION: (1)..(8)  
125 <223> OTHER INFORMATION: octamer OC-OCT004  
128 <400> SEQUENCE: 7  
129 cgacatcg 8  
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133 <211> LENGTH: 8  
134 <212> TYPE: DNA  
135 <213> ORGANISM: artificial sequence  
137 <220> FEATURE:  
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139 <222> LOCATION: (1)..(8)

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/049,994

DATE: 07/09/2003  
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Input Set : A:\Chaparian.ST25.txt  
Output Set: N:\CRF4\07092003\J049994.raw

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147 <210> SEQ ID NO: 9  
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149 <212> TYPE: DNA  
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155 <223> OTHER INFORMATION: octamer OS-OCT-006  
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159 gccaccga 8  
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163 <211> LENGTH: 8  
164 <212> TYPE: DNA  
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167 <220> FEATURE:  
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169 <222> LOCATION: (1)..(8)  
170 <223> OTHER INFORMATION: octamer OS-OCT-007  
173 <400> SEQUENCE: 10  
174 gatgccga 8  
177 <210> SEQ ID NO: 11  
178 <211> LENGTH: 8  
179 <212> TYPE: DNA  
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182 <220> FEATURE:  
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184 <222> LOCATION: (1)..(8)  
185 <223> OTHER INFORMATION: octamer OS-OCT-008  
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194 <212> TYPE: DNA  
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200 <223> OTHER INFORMATION: octamer OS-OCT-009  
203 <400> SEQUENCE: 12  
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208 <211> LENGTH: 8  
209 <212> TYPE: DNA  
210 <213> ORGANISM: artificial sequence  
212 <220> FEATURE:  
213 <221> NAME/KEY: misc\_feature

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/049,994

DATE: 07/09/2003  
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Input Set : A:\Chaparian.ST25.txt  
Output Set: N:\CRF4\07092003\J049994.raw

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222 <210> SEQ ID NO: 14  
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224 <212> TYPE: DNA  
225 <213> ORGANISM: artificial sequence  
227 <220> FEATURE:  
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230 <223> OTHER INFORMATION: octamer OS-OCT-011  
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234 gccgagga 8  
237 <210> SEQ ID NO: 15  
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239 <212> TYPE: DNA  
240 <213> ORGANISM: artificial sequence  
242 <220> FEATURE:  
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244 <222> LOCATION: (1)..(8)  
245 <223> OTHER INFORMATION: octamer OS-OCT-012  
248 <400> SEQUENCE: 15  
249 cggcgaca 8  
252 <210> SEQ ID NO: 16  
253 <211> LENGTH: 8  
254 <212> TYPE: DNA  
255 <213> ORGANISM: artificial sequence  
257 <220> FEATURE:  
258 <221> NAME/KEY: misc\_feature  
259 <222> LOCATION: (1)..(8)  
260 <223> OTHER INFORMATION: octamer OS-OCT-013  
263 <400> SEQUENCE: 16  
264 atcgccga 8  
267 <210> SEQ ID NO: 17  
268 <211> LENGTH: 8  
269 <212> TYPE: DNA  
270 <213> ORGANISM: artificial sequence  
272 <220> FEATURE:  
273 <221> NAME/KEY: misc\_feature  
274 <222> LOCATION: (1)..(8)  
275 <223> OTHER INFORMATION: octamer OS-OCT-014  
278 <400> SEQUENCE: 17  
279 ggcgaacc 8  
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283 <211> LENGTH: 8  
284 <212> TYPE: DNA  
285 <213> ORGANISM: artificial sequence  
287 <220> FEATURE:

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/049,994

DATE: 07/09/2003  
TIME: 09:12:03

Input Set : A:\Chaparian.ST25.txt  
Output Set: N:\CRF4\07092003\J049994.raw

288 <221> NAME/KEY: misc\_feature  
289 <222> LOCATION: (1)..(8)  
290 <223> OTHER INFORMATION: octamer OS-OCT-015  
293 <400> SEQUENCE: 18  
294 gccgacca 8  
297 <210> SEQ ID NO: 19  
298 <211> LENGTH: 8  
299 <212> TYPE: DNA  
300 <213> ORGANISM: artificial sequence  
302 <220> FEATURE:  
303 <221> NAME/KEY: misc\_feature  
304 <222> LOCATION: (1)..(8)  
305 <223> OTHER INFORMATION: octamer OS-OCT-016  
308 <400> SEQUENCE: 19  
309 gccaaagga 8  
312 <210> SEQ ID NO: 20  
313 <211> LENGTH: 8  
314 <212> TYPE: DNA  
315 <213> ORGANISM: artificial sequence  
317 <220> FEATURE:  
318 <221> NAME/KEY: misc\_feature  
319 <222> LOCATION: (1)..(8)  
320 <223> OTHER INFORMATION: octamer OS-OCT-017  
323 <400> SEQUENCE: 20  
324 cggcaacg 8  
327 <210> SEQ ID NO: 21  
328 <211> LENGTH: 8  
329 <212> TYPE: DNA  
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333 <221> NAME/KEY: misc\_feature  
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335 <223> OTHER INFORMATION: octamer OS-OCT-018  
338 <400> SEQUENCE: 21  
339 ggctggac 8  
342 <210> SEQ ID NO: 22  
343 <211> LENGTH: 8  
344 <212> TYPE: DNA  
345 <213> ORGANISM: artificial sequence  
347 <220> FEATURE:  
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349 <222> LOCATION: (1)..(8)  
350 <223> OTHER INFORMATION: octamer OS-OCT-019  
353 <400> SEQUENCE: 22  
354 gcagcacc 8  
357 <210> SEQ ID NO: 23  
358 <211> LENGTH: 8  
359 <212> TYPE: DNA  
360 <213> ORGANISM: artificial sequence

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/049,994

DATE: 07/09/2003

TIME: 09:12:04

Input Set : A:\Chaparian.ST25.txt  
Output Set: N:\CRF4\07092003\J049994.raw

L:165 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10  
L:363 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23  
L:1333 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:78